

Work Order ID 81879

81879

Page 1

Tuesday, March 20, 2012 11:25:55 AM

Item ID: D3551-11 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Hook and Loop Tie
 Start Date: 3/20/2012 Start Qty: 40.00 *40* Cust Item ID:
 Required Date: 3/26/2012 Req'd Qty: 40.00 *40* Customer:
 Reference:

Approvals: Process Plan: P Date: 12-03-20 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start *NR1*
 Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3551	Rev A								

100 PURCHASING 0.00
 100
 Purchasing Memo 0.00
 Purchasing Issue P/O 10486 Purchase Part Number: 6605K56 Supplier: Mc
 Master Carr Certificate of conformity is required

12-03-20

110 Receive & Inspect for Damage & Mat'l Certs 0.00
 110
 Packaging Memo 0.00
 Packaging Ensure certificate of conformity is attached

11/4/22 (4)

120 QC6- Inspect dimensions to drawing 0.00
 120
 QC Memo 0.00
 Quality Control

12-03-22 (40)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 81879***81879***

Page 2

Tuesday, March 20, 2012 11:25:55 AM

Item ID: D3551-11 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Hook and Loop Tie
Start Date: 3/20/2012 Start Qty: 40.00 ***40*** Cust Item ID:
Required Date: 3/26/2012 Req'd Qty: 40.00 ***40*** Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

SP 12-03-23

12/13/26

MF 12-03-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, March 20, 2012 11:26:00 AM

Page 1

Work Order ID: 81879

81879

Parent Item: D3551-11

D3551-11

Parent Item Name: Hook and Loop Tie

Start Date: 3/20/2012

Required Date: 3/26/2012

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP Rev:A New Issue 06-09-27 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
6605K56		Purchased	No			110	Each	0.0000	1	40			

6605K56
HOOK AND LOOP TIE

**

4/23/12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

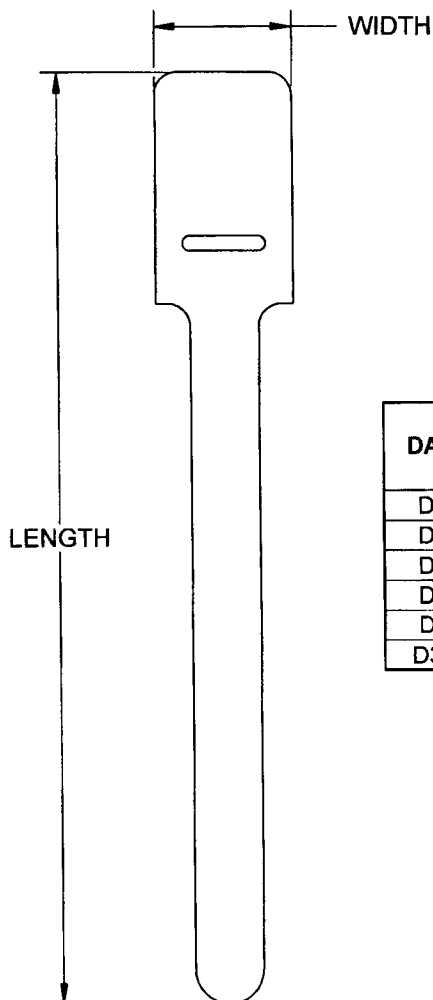
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>gp</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3551	REV. A SHEET 1 OF 1
DATE 06.08.28		TITLE HOOK AND LOOP TIE SCALE NTS	
REV A	DATE 06.08.28	DESCRIPTION NEW ISSUE	

SPECIFICATION CONTROL DRAWING



DART P/N	LENGTH (in)	WIDTH (in)	MCMaster- CARR P/N	SPEEDTECH P/N
D3551-1	6	1	6605K51	SW.75X6BK889
D3551-3	8	1	6605K52	SW.75X8BK889
D3551-5	11	1	6605K53	SW.75X11BK889
D3551-7	15	1.5	6605K54	SW1.5X15BK889
D3551-9	18	1.5	6605K55	SW1.5X18BK889
D3551-11	24	1.5	6605K56	SW1.5X24BK889

D3551-X HOOK AND LOOP TIE

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *11879*

APD3-2C

MATERIAL: BLACK BACK-TO-BACK HOOK AND LOOP MATERIAL, FLAME-RETARDANT NYLON

COPYRIGHT © 2006 BY DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO16488**

Purchase Order Date 3/20/12

PO Print Date 3/21/12

Page Number 3 of 3

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name

Vendor Phone 330 995 5500

Vendor Fax 330 995 9600

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

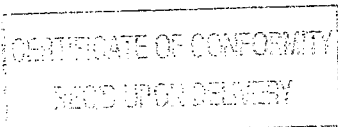
FOB

Destination-Collect

9	92311A599	SET SCREW	3/22/12 Yes	200.00 Each	FedEx PI collect	\$0.0562	\$11.24
10	92311A639	SS SET SCREW	3/22/12 Yes	200.00 Each	FedEx PI collect	\$0.5910	\$118.20
11	91525A120	washer	3/22/12 Yes	100.00 Each	FedEx PI collect	\$0.2664	\$26.64
12	6605K56	HOOK AND LOOP TIE	3/22/12 Yes	40.00 Each	FedEx PI collect	\$2.7780	\$111.12
13	7566K25	TIE WRAP MOUNT	3/22/12 Yes	100.00 Each	FedEx PI collect	\$0.1362	\$13.62
14	95606A170	Washer	3/22/12 Yes	100.00 Each	FedEx PI collect	\$0.0652	\$6.50

PO Total:

\$975.52



Change Nbr: 4

Change Date: 3/21/12

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required when applicable

McMaster-Carr Number
2678740-03

03/20/2012

100 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
le.sales@mcmaster.comDart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
CanadaLNS **A89**

Line	Description	Ordered	Shipped		
5	91290A624 Metric Class 12.9 Socket Head Cap Screw, Alloy Steel, M12 Thread, 45MM Length, 1.75MM Pitch, Packs of 10, 1 Pk = 10 Ea Unit Price: \$6.98 Extended Price: \$20.94	3 Packs	✓ 3	2 - 124	5
6	91290A626 Metric Class 12.9 Socket Head Cap Screw, Alloy Steel, M12 Thread, 50MM Length, 1.75MM Pitch, Packs of 10, 1 Pk = 10 Ea Unit Price: \$7.11 Extended Price: \$21.33	3 Packs	✓ 3	2 - 123	6
8	93827A225 Ultra-Coated Grade 8 Steel Hex Nut, 3/8"-16 Thread Size, 9/16" Width, 21/64" Height, Packs of 100, 1 Pk = 100 Ea Unit Price: \$12.49 Extended Price: \$12.49	1 Pack	✓ 1	2 - 663	8
9	92311A599 Type 18-8 Stainless Steel Cup Point Socket Set Screw, 5/16"-24 Thread, 5/8" Length, Packs of 50, 1 Pk = 50 Ea Unit Price: \$11.24 Extended Price: \$44.96	4 Packs	✓ 4	2 - 696	9
10	92311A639 Type 18-8 Stainless Steel Cup Point Socket Set Screw, 3/8"-24 Thread, 1" Length, Packs of 10, 1 Pk = 10 Ea Unit Price: \$5.91 Extended Price: \$88.65	20 Packs	15	2 - 697	10
11	91525A120 Type 316 Stainless Steel Large-Diameter Flat Washer, 1/4" Screw Size, 1" OD, .04"-.06" Thick, Packs of 25, 1 Pk = 25 Ea Unit Price: \$6.66 Extended Price: \$26.64	4 Packs	✓ 4	2 - 703	1
12	6605K56 Hook and Loop Cable Tie, Black Flame-Retardant Wrap Around, 24" L, 3/4" Width, Packs of 5, 1 Pk = 5 Ea Unit Price: \$13.89 Extended Price: \$111.12	8 Packs	✓ 8	3 - 125	